

TAB C

**JOINT EXPERTS MEETING**  
**ON**  
**PERSONAL COMMUNICATIONS AIR INTERFACE STANDARDS**

**November 9-13, 1992**  
**Hyatt Regency, Reston, Virginia**

Telocator, Committee T1-Telecommunications, and TIA's TR45 are pleased to announce a Joint Experts Meeting (JEM) on Personal Communications Air Interface (Radio) technology, standards, applications, and services. The JEM will be held at the Hyatt Regency, Reston, Virginia, on November 9-13, 1992, beginning at 9:00 a.m. in a broad-based effort to promote agreements on Air Interface issues. Financial support for the meeting is being provided by AT&T, Northern Telecom, Rockwell International, and Southwestern Bell Technology Resources.

First Day: November 9, 9:00 a.m. to 5:00 p.m.

Industry experts will deliver their views on Air Interface standards for PCS to set the stage for the deliberations of the JEM, which will have very far reaching impact on wireless communications into the 21st Century. There will be speakers from Committee T1, TIA, Telocator, CTIA, IEEE P802.11, and WINForum. Commissioner Ervin Duggan and Dr. Thomas Stanley from the Federal Communications Commission and Michael Binder, Deputy Minister of Communications, Canada, will also address Air Interface standards issues for PCS.

Days Two Through Five: November 10 to November 12, 9:00 a.m. to 5:00 p.m.  
November 13, 9:00 a.m. to 12:00 p.m.

The primary work of the JEM will be conducted on the second through the fifth days. Experts will examine industry contributions and presentations made on Day 1 to determine Air Interface standards requirements for PCS. Specific areas of concentration are outlined on page three of this document.

Who should participate:

Technical experts on Air Interface (Radio) technology, government officials, and those with a direct interest in Air Interface standards development.

Information regarding meeting and hotel reservations, as well as contribution requirements, is attached.

## **JEM OBJECTIVES AND GUIDELINES FOR CONTRIBUTIONS**

### **JEM Objectives:**

The primary objectives of the JEM are: to solicit industry views on the Air Interface standards that are required to support PCS, with emphasis on applications in the Americas over the next decade; to determine which applications require distinct Air Interface standards, based upon considerations of service demand and technology; to address the issue of the need and advantages of developing a minimum number of Air Interface standards that allow similar applications from a technical and end-user point of view to be served with the same Air Interface; and to reach consensus on an industry needs driven schedule for required Air Interface standards. The JEM will focus on the Emerging Technologies Bands (1850-1990 MHz) as well as related international PCS activities (e.g., FPLMTS). To accomplish these objectives, the JEM will review and determine recommendations on the following issues:

#### Service Descriptions:

Develop a general understanding of the services; determine the service requirements driving the development of PCS Air Interface standards; determine dependencies of services on unique interface characteristics.

#### Spectrum Allocation/Sharing with Fixed Microwave:

Study possible impact spectrum allocations may have on development of standards; identify any unique concerns imposed by sharing spectrum with fixed microwave and among PCS systems.

#### RF Transmit Power:

Determine the implications of the use of "High" Power, "Low" Power, and/or Hybrid "High/Low" Power radio technology on the service requirements and Air Interface standards.

#### Number of Air Interfaces:

Identify need for, advantages and disadvantages of, minimizing the number of Air Interface standards from the end user, manufacturer, and service provider perceptions; determine which of the advantages and disadvantages are affected by the end user's environment (i.e., residential, business) and how they are affected; weigh strengths and weaknesses of advantages and disadvantages; make recommendations.

#### Schedule for Development of CAIs:

Prioritize interfaces, identify dependencies, estimate time required, compare standards development time line with market needs.

### **Guidelines for Contributions to the JEM:**

- 1) Contributions to the JEM should be focused, and address at least one of the objectives and issues outlined above. Several concise contributions are preferable to a single large contribution.
- 2) All contributions will be required to be presented by a representative from the company or organization making the contribution. Presentations will be limited to 5 to 10 minutes with 3 additional minutes for questions and answers.
- 3) Intent to submit a contribution must be indicated to Co-Chairs as soon as possible.
- 4) Abstracts must be submitted by October 26.
- 5) Contributions must be received by 5:00 p.m. EDT, October 30, 1992.
- 6) Full text and 100 copies must be made available to the meeting room 8:00 a.m. EST, November 9, 1992.
- 7) Overhead and slide projectors will be available.

#### **Please fax or mail contributions to JEM Co-Chairs:**

##### T1 Representative:

Charles Cook  
US West Advanced Technologies  
4001 Discovery Drive  
Boulder, CO 80303  
Tel: (303) 541-6213  
Fax: (303) 541-6773

##### TR45 Representative:

Wing Lo  
Northern Telecom  
2221 Lakeside Boulevard  
Richardson, TX 75082  
Tel: (214) 684-5370  
Fax: (214) 684-3744

##### Ship contribution copies to:

(Your company's representative), JEM  
Hyatt Regency Reston  
1800 Presidents Street  
Reston, VA 22090  
Tel: (703) 709-1234  
Fax: (703) 709-6244

**JEM on PCS Air Interface Standards**  
**Meeting and Registration Information**  
**November 9-13**

Monday, November 9	8:30 a.m. to 9:00 a.m. Continental Breakfast 9:00 a.m. to 5:00 p.m. Symposium
Tuesday, November 10	8:30 a.m. to 9:00 a.m. Continental Breakfast
Wednesday, November 11	9:00 a.m. to 5:00 p.m. Working Meetings on CAI Issues
Thursday, November 12	Early morning and evening sessions will be scheduled as needed.
Friday, November 13	8:30 a.m. to 9:00 a.m. Continental Breakfast 9:00 a.m. to 12:00 p.m. Working Meetings on CAI Issues

The JEM will be held at: Hyatt Regency Hotel, Reston, Virginia  
Tel: (703) 709-1234 or (800) 233-1234  
Fax: (703) 709-6244

Room rates: \$110/\$120 Single/Double Occupancy

Room Block Cut-Off Date: October 19, 1992

The fall is a very busy time for hotels in this area due to the extraordinarily large amount of convention business. After October 19, reservations at the Hyatt will be on a space available basis only. Please make your hotel arrangements as soon as possible.

The Hyatt Regency provides complimentary shuttle transportation between Dulles International Airport and the hotel.

There is no fee to attend the JEM. However, if you wish to attend, you must fax the form below to Telocator by October 30. Confirmations will not be accepted by phone.

\* \* \* \* \*

JEM REGISTRATION FORM  
ATTENTION: Scott Ellison  
TELOCATOR  
FAX: (202) 467-6987

Please register me for the JEM.

\_\_\_ I will be attending only the first day of the JEM.  
\_\_\_ I will be attending the working meetings but not the first day.  
\_\_\_ I will be attending all five days of the JEM.

NAME \_\_\_\_\_  
COMPANY \_\_\_\_\_  
TITLE \_\_\_\_\_  
FAX \_\_\_\_\_  
PHONE \_\_\_\_\_